



Label Bas Carbone and Carbon Agri method: a feedback from field

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Label Bas Carbone – 3 objectives

Launch new actions to reduce the emissions and sequester carbon :

- Foster the emergence in various sectors, of projects which go beyond regulation and usual practices (additional projects which would not have been launched without the Label)

Certify the quality and the impact of the projects :

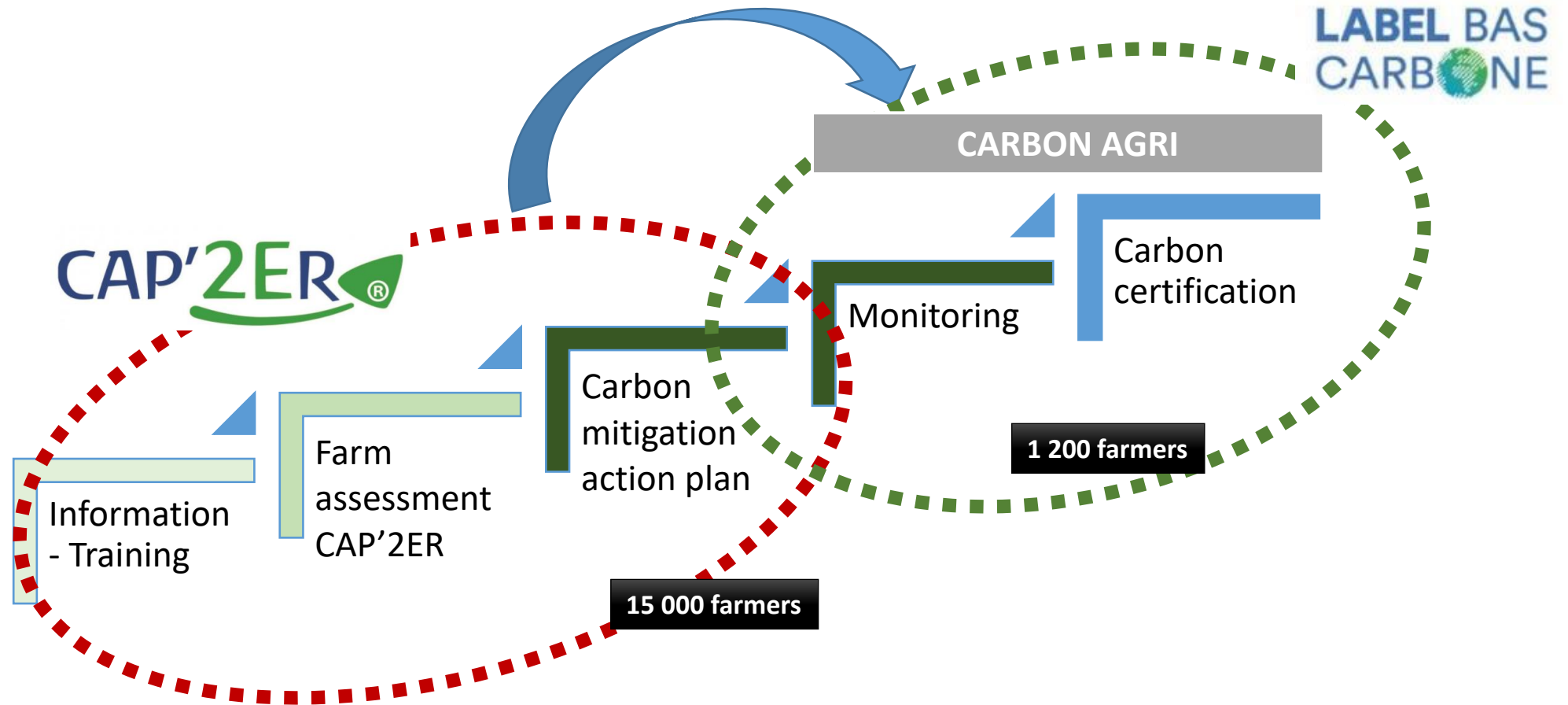
- CO2 gains (reduction or sequestration), direct et indirect
- environmental impacts (positive or neutral)

Attract funding towards these projects :

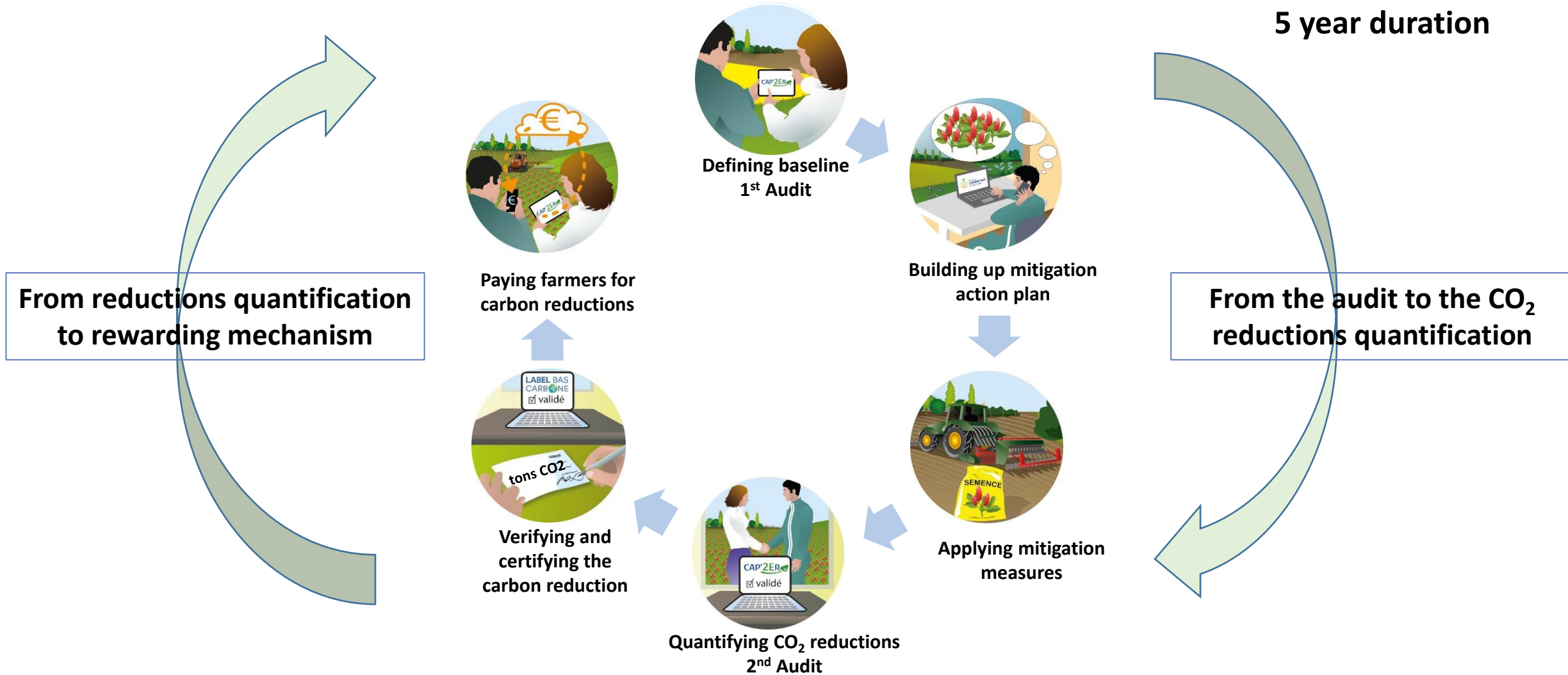
- Growing interest for local projects for decarbonation (with environmental and climate impacts)
- funders : communities, citizens, companies (exclusive of UE-ETS, CORSIA)



Involving farmers in a national carbon certification

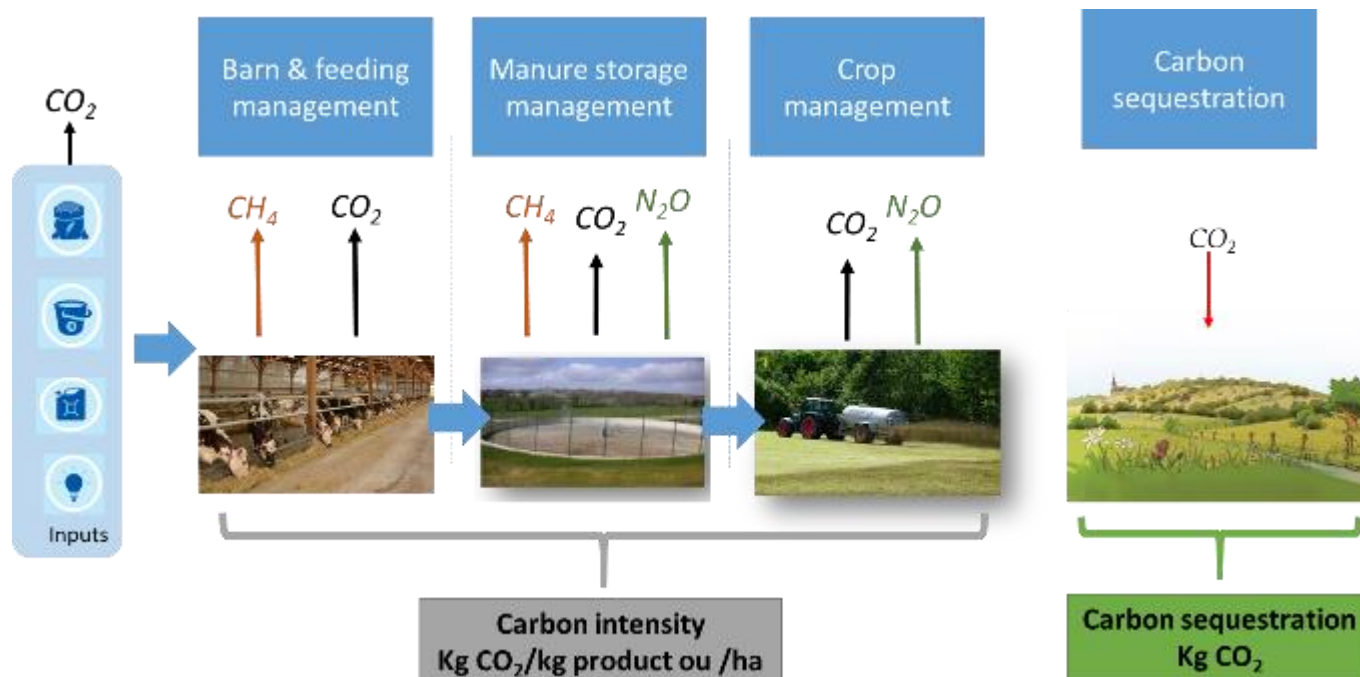
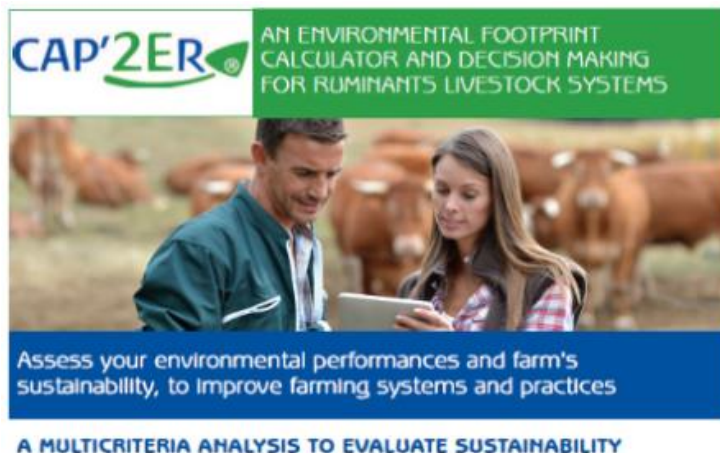


CARBON AGRI : A result based methodology





Audit for making the reference/baseline



Methodology: In accordance with IPCC and main guidelines



Certified by



For example: enteric methane emissions are calculated with dry matter intake, digestibility, lipid level, etc.

Calculation includes level of carbon storage, level of fertilisation, yield, if grasslands are grazed or not, etc. → interoperability with CAP'2ER is developed to take into account all the carbon sequestration components



Building up a mitigation action plan among 40 mitigations practices



GHG emissions

Carbon sequestration



Inputs

Pasture management,
Concentrates and fertilizers,
Legumes, Crops rotation



Fuel and electricity

No-till cultivation,
Power and equipment,
Working organization



Crops management & fertilization

Legume fodder crops,
Optimization of fertilizers uses



Herd management

Increasing productivity
Reducing number of unproductive
animals



Feed

Feed efficiency,
Forage quality and yield



Manure management

Time spent in shed vs pasture,
Biogas production



Cover crops

Introduce more
intermediate crops,
more row intercropping
and more
grass strips

Avoid bare soil

Never leave
soil bare
and work it less,
for example by
using no-till methods

Agroforestry

Add to the
hedges at field
boundaries
and develop
agroforestry

Grassland management

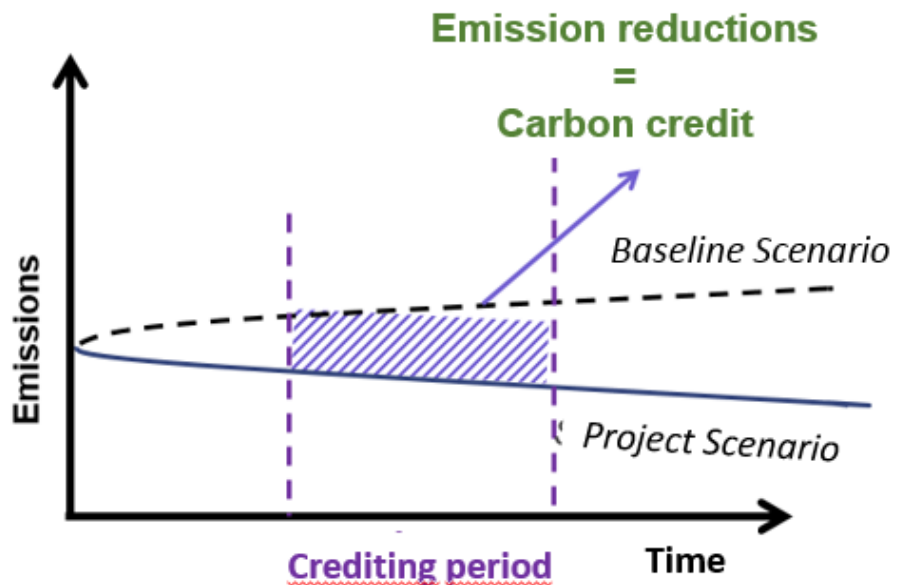
Optimize
pasture management
- with longer
grazing periods,
for example



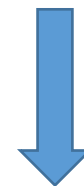
A reduction of carbon footprint up to 15 to 20%
→ 300 to 400 tons CO₂ on a 5 years period



Carbon reductions Quantification, Verification and Certification



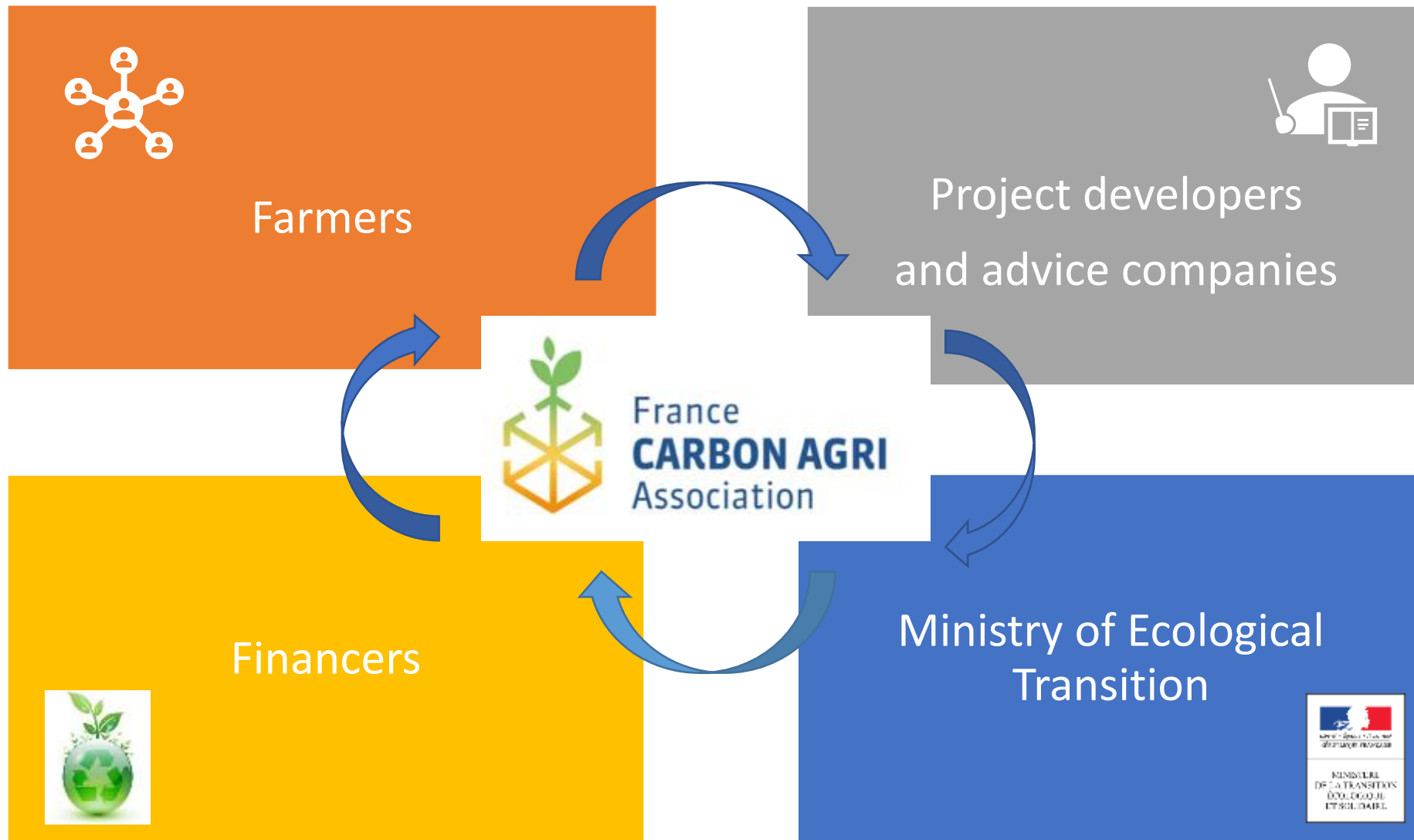
External auditor



**LABEL BAS
CARBONE**

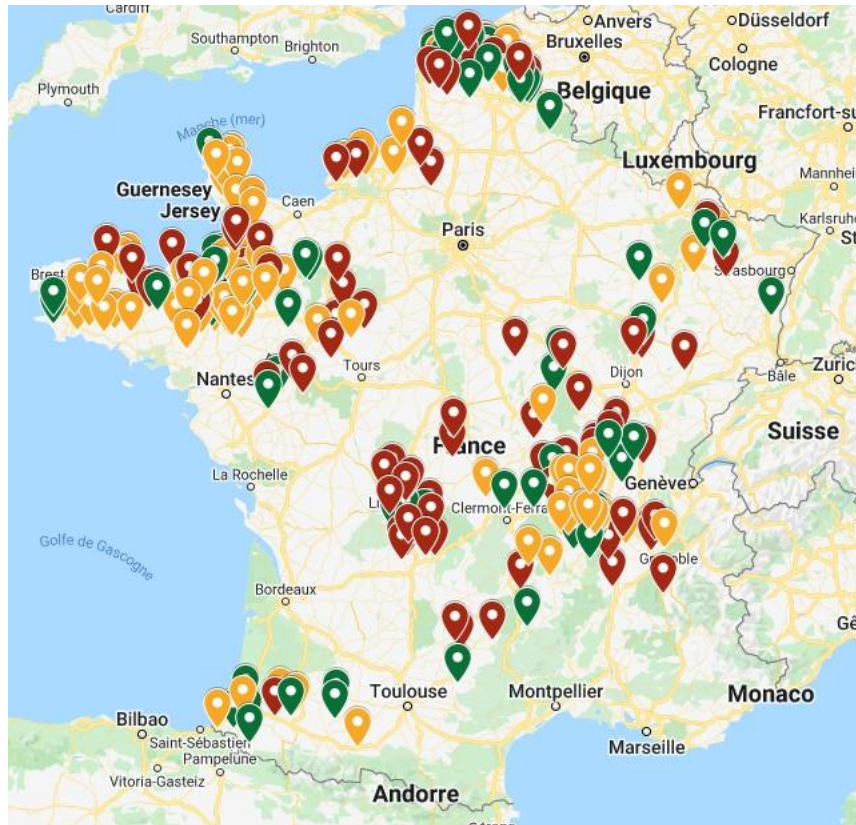


France CARBON AGRI Association - Projects' implementation



France CARBON AGRI Association

2 projects involving 1300 farmers



- 1st project accredited 2020**
- 300 farmers
 - 137 000 t CO₂ reductions



- 2nd project submitted to the Ministry**
- 960 farmers
 - 580 000 t CO₂ reductions



Thanks for your attention

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